Wireless Security — User's Guide

1 Features of product

1. Provide wireless-controlled security environments for home and office by running the included software installed in personal computers.
2. Transmit the signals detected by various safety sensors to the USB receivers connected to the computers by wireless; and simultaneously the warning messages will be sent to the designated E-mail addresses through the Internet by the installed software.
3. Once noticed, E-mail recipients can determine whether to activate the USB horn or USB LED light to daunt the possible break-ins via this security system.
4. Build the complete security systems by full use of this instruction manual.
5. This security unit operates using 315 MHz weak waves and can function within the range of 10 Meter.

## 2 Components overview for the Wireless Security System

⑬ USB Receiver
Model RXA01P

PC w/USB port

④ USB horn/light/adapter
Model WSD01P

⑤ Magnetic Window Sensor
Model TXA01P

⑥ Key Remote Controller
Model TXB01P

⑦ PIR Motion Detector
Model TXC01P

⑧ Emergency Button
Model TXD01P

⑪ Specific 4-port USB Hub
Model HUB01P

⑫ Extension USB cable
Model CAB01P
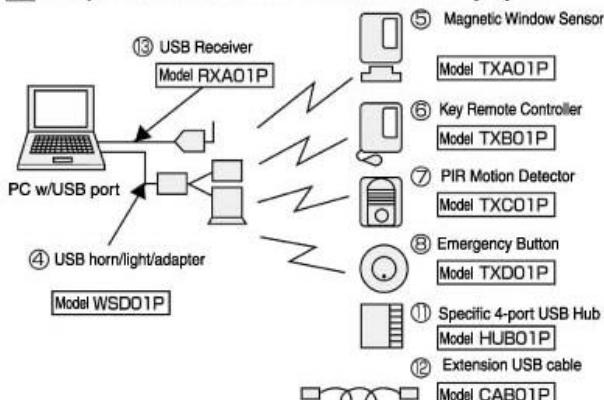
No.	Optional Accessories		① Main Package for Apartment	② Main Package for Own House	③ Main Package for Old Person
	Table of Contents		Main Package		
④	USB horn/light/adapter	WSD01P	option	option	option
⑤	Magnetic Window Sensor	TXA01P	◎	◎	option
⑥	Key Remote Controller	TXB01P	◎	◎	◎
⑦	PIR Motion Detector	TXC01P	option	◎	◎
⑧	Emergency Button	TXD01P	option	option	◎
⑨	Battery	BAT01P	1pc (option)	1pc (option)	1pc (option)
⑩	AC adapter 9V	ADP01P	option	option	option
⑪	Specific 4-port USB Hub	HUB01P	option	option	option
⑫	Extension USB cable	CAB01P	option	option	option
⑬	USB Receiver	RXA01P	◎	◎	◎

* ◎ indicates the necessary parts for complete set

3 Important Instructions

1. All the sensor transmitters require the specified batteries to work. The LED indicator light is on while in use. The function of transmitters should be verified monthly. (Replaced batteries can be purchased in the local resale stores.)
2. DO not place the sensor transmitters directly on the metal objects or surface. This might cause the transmitters unstable or shorten the transmission distance.
3. When the switch or button is turned "ON", the system is activated. If turned "OFF", the system is disabled. At the status of "ON", the systems can communicate with the setup E-mail addresses.
4. DO not put the computers into the SLEEP status.
5. To establish the whole system, the computer has to be turned on and the enclosed application software has to be installed. The CRT monitor has to be turned on, too.
6. The Internet connection does not have to remain always online. However, by doing so can shorten the time of message transmission.
7. The USB LED light or USB horn is required to activate the function of USB alarm warning system. Since the horn may be very loud, be carefully not to frighten the neighbors.
8.

Description of channels for magnetic sensor/key remote controller/USB receiver

There are six switches inside every unit. They can be set using tiny driver.

All switches are set to OFF during shipment.

You can re-set your channels of magnetic sensor/key remote controller/USB receiver, for example from channel 0 to channel 1.

ON   KE
1 2 3 4 5 6
OFF   Channel 0

If there is any interference caused by another unit using same channel nearby

ON   KE
1 2 3 4 5 6
OFF   Channel 1
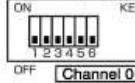
* Unplug the USB cable before setting the switches.
* By setting 6 interior switches, there can be 64 channels available in total.
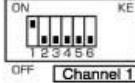
The magnetic sensor/key remote controller/USB receiver in the same system should use the same channel.

MWS-01

4 Operating instructions of all the sensor transmitters

Magnetic Sensor TXA01P

1. Do not expose the units (base unit & magnet piece) to water, oil, moisture etc.
2. Adhere the included double-side tape to the base unit and magnet piece.
3. Affix the base unit and magnet piece to the window or door, within 3 mm in between as indicated by the arrow.
4. Test if there is any signal generated by opening or closing the window/door.
5. Press the base unit and magnet piece again to make sure they are fixed firmly.

Note: The magnet piece should be placed in the moving part of the window/door.

PIR Motion Detector TXC01P

1. Use the screws to fix the supporter.
2. Remove the battery cover and insert the battery.
3. Move the supporter to adjust the detection area of PIR. (Detection area ranges from about 60° angle, 5m distance and 1.8m height.)
4. Make sure if the computer receives correct input signal when the PIR detects a test object.
5. Fasten the screws of the supporter again to fix it firmly.
6. This product is designed for indoor use. For outdoor use, avoid using this product in the place that may be exposed to rain.
7. You can choose our AC adapter from our optional accessories. (Model ADP01P)

Emergency Button TXD01P

1. Use it in the proper range so the signals can be transmitted and received.
2. Do not use the unit in the warm places such as bathroom.
3. Do not use the unit in the humid places either.
4. Use the proper battery for the first use of the unit. (The battery is wrapped with electricity free cover during shipment.)

5 Instructions for other optional items.

USB horn/light/ adapter — The action of the high volume horn or LED light can be set through the software while detecting the signals. WSD01P

4-port USB Hub (specified use for the system) — Particular tiny design for this system. Can be fixed use magnetic onto the metal objects. The AC adapter is also included for this item. HUB01P

Extension USB cable (for 5M use) — The extension USB cables can be used when the computer is far away from the transmitters. At most four cables can be connected in serial to extend the working distance to 20 M. CAB01P

Key Remote Controller (Included in the Main Package) — The key-button style remote-controller is very cute in the shape. There can be multiple key-remote-controllers in use depending on the need of family members. The ON/OFF of the overall systems can be operated using these remote-controllers. TXB01P

6 Installation instruction of CD-ROM software

The Installation of the Driver

1. Turn on the computer, and plug the USB cable of the receiver into the USB port. The computer can detect the device automatically.
2. Follow the dialog box appearing in the screen, and click the "Install from other location" dialog box.
3. Insert the CD-ROM to the CD drive, and select the location of the drive in the dialog box.
4. Specify the directory of driver as follows:
   UsbDriver/0200/Win2K or
       UsbDriver/0200/WinMe(98)
   according to the window version used in the system.
5. Select the driver file as follows:
   Cypress Semiconductor Port.
6. Click OK and then the device driver for the new hardware device will be installed to the computer. After installation, click FINISH to exit the program.

The installation of the system program

1. Insert the CD in the CD drive. Run "Setup.exe" from the CD-ROM disk. All the required software will be copied to the computer.
2. Refer to the Help file for detailed description of the software.
3. To check the status of the wireless message transmission and the Internet connection, run the test-program included in the software package. Refer to the Help file for details.

Wireless Security

Read the Safety Instruction carefully before installation

Important Safety Instructions

This manual is intended to provide the safe and correct use of the product in order to reduce the risk of personal injury and property loss. The following symbols are used in these instructions:

⚠ Warning	Items for improper use may cause serious damage and injury.	⚠ Attention	Items for improper use may cause some harm and danger.

⚠ Warning

Pay attention to some abnormal status.
- Beware of any smoking and smelly odor as they may further lead to fire or electric shock. Turn off the power switch immediately and unplug the AC adapter from the outlet.

Do not attempt to disassemble or modify the product.
- This can result in the risk of fire or electric shock.

Treat this unit with care.
- If the product is dropped and damaged, unplug the AC adapter immediately.

Basic Information of Installation
- This security unit is used to prevent burglaries mainly, which is unable to stop breaking in.
- We are not responsible for any damage or injury caused by burglaries.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

The FCC require the user to be notified that any changes or modifications made to this device that are not expressly approved by Weiyang Electric & Cable Co., Ltd. (the manufacturer) may void the user's authority to operate the equipment.

⚠ Warning

Safety Notice during Operation
- We take no responsibilities for any failure of this security unit due to data disappearing or changing from your computer.
- We are free from any liability if computer data missing or bodily injuries resulting from the use of this security unit.
- If you are going to leave this security unit unused for a long period of time, please remove the battery. For best performance, we recommend that you can check the battery and the function of this unit at least one time in a month.

Product Care:
- Do not install this security unit on the walkway, and make sure the place you position the power cable that will not be stepped on or tripped over.
- Treat your security unit with care, and avoid dropping, knocking or shaking.
- Avoid placing your security unit under direct sunshine, or close to any heat source.
- Do not expose it to liquid, and keep you security unit in a damp free place.

Safety instruction of AC adapter
- Do not scratch, break, twist, press or heat the power cord as this can cause the fire or leakage current.
- The AC adaptor is the optional accessory of the system. Use only the recommended power cord to prevent the risk of the melting, fire, electric shock, etc.
- In case of broken power cord, take the cord to an authorized service center to fix it. Use of improper power cord is very likely to cause fire and electric shock.
- Do not touch the AC adapter with wet hands to prevent any possible electric shock.

Safety instruction of power source and voltage
- Do not use any voltage beyond 100V. Avoid sharing the same outlet with many appliances to prevent the risk of fire and electric shock.